



South Coast Air Quality Management District

Engineering & Compliance

*Policies &
Procedures*

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

MEMORANDUM

DATE: November 5, 1985
TO: Combustion Unit Engineers
FROM: Martin L. Kay, Supervising AQ Engineer /s/ MLK
SUBJECT: Boiler BACT Summary Form

I would like each of you to fill out the attached form whenever you issue a P/C, or a P/O for a Class III application, for a boiler that is subject to a BACT evaluation. I also ask you to fill it out for any boiler applications you have in your files that have previously been through a BACT evaluation in recent months. Turn the forms into me.

I hope to use the forms for collecting statistics that will be useful to all of you. Perhaps, from the information we will be able to develop some standard BACT criteria that will simplify our boiler BACT evaluations.

Please let me know if you have any comments or suggestions for changes to the form.

Explanatory Notes:

1. Installed costs should be based on info submitted by applicant, not your estimates.
2. If you did not get or calculate some of the cost data asked for because it wasn't needed to complete your normal evaluation, just leave those areas blank. Don't feel you have to fill everything out.

COMBUSTION UNIT BOILER BACT SUMMARY FORM

Company Name _____ Date _____
 Appl. No(s). _____ Permit Action: P/C _____ P/O _____

BOILER DATA

Make _____ Model _____ Type: FT _____ WT _____
 New _____ or Used _____ HP _____ Burner Mfr. _____
 Fuels: Primary _____ Secondary _____

BACT DATA

	Installed Cost (\$)	Cost Effectiveness (\$/ton)	Supplier
Boiler	_____	-	-
Max. BACT	_____	9000	-
FGR & LEA	_____	_____	_____
FGR only	_____	_____	_____
LNB & LEA	_____	_____	_____
LNB only	_____	_____	_____
LEA	_____	_____	_____
Other _____	_____	_____	_____

(Circle required BACT)

REQUIRED BACT NOx DATA (ppm @ 3% O2)

	Gas	Oil	Other	*Data Source
Uncontrolled	_____ (*)	_____ (*)	_____ (*)	E = Estimate
Controlled	_____ (*)	_____ (*)	_____ (*)	M = Mfr
% Reduction	_____ %	_____ %	_____ %	S = Source Test

Comments: _____

MLK
 11/5/85